



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jin-Soo Kim et al.
Serial No. : 09/785,632
Filed : February 16, 2001
Title : ZINC FINGER DOMAINS AND METHODS OF IDENTIFYING SAME

Art Unit : 1636
Examiner : T. McKelvey

Mail Stop Sequence

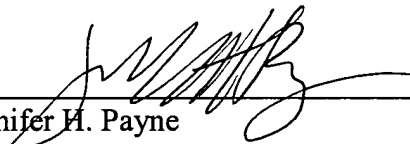
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

VERIFIED STATEMENT UNDER 37 CFR §1.821(f)

I, Jennifer H. Payne, declare that I personally prepared the computer-readable copy of the Sequence Listing filed herewith for the above-identified application, and that the content of both the paper copy of the Sequence Listing filed on February 3, 2003 and the computer-readable copy filed herewith is the same.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of The United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: May 22, 2003



Jennifer H. Payne

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10276145.doc

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6/6/03

Date of Deposit

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Cassandra Beepot

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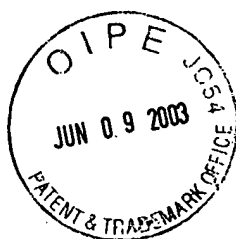
Applicant's Copy

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Does Not Comply
Corrected Data Needed

OIPE

RAW SEQUENCE LISTING

DATE: 02/12/2003

PATENT APPLICATION: US/09/785,632B

TIME: 12:28:01

Input Set : A:\12279-002001.txt

Output Set: N:\CRF4\02122003\I785632B.raw

4 <110> APPLICANT: Kim, Jin-Soo
5 Kwon, Young Do
6 Kim, Hyun-Won
7 Ryu, Eun-Hyun
8 Hwang, Moon-Sun
10 <120> TITLE OF INVENTION: ZINC FINGER DOMAINS AND METHODS OF
11 IDENTIFYING SAME
13 <130> FILE REFERENCE: 12279-002001
15 <140> CURRENT APPLICATION NUMBER: 09/785,632B
C--> 16 <141> CURRENT FILING DATE: 2003-02-07
18 <160> NUMBER OF SEQ ID NOS: 180
20 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

2833 <210> SEQ ID NO: 180
2834 <211> LENGTH: 34
2835 <212> TYPE: PRT
2836 <213> ORGANISM: Homo sapiens
2838 <400> SEQUENCE: 180
2839 Thr Gly Glu Arg Pro Tyr Glu Cys Asn Tyr Cys Gly Lys Thr Phe Ser
2840 1 5 10 15
2841 Val Ser Ser Thr Leu Ile Arg His Gln Arg Ile His Thr Gly Glu Arg
2842 20 25 30
2843 Pro Arg
E--> 2844 (49) delete

VERIFICATION SUMMARY

DATE: 02/12/2003

PATENT APPLICATION: US/09/785,632B

TIME: 12:28:02

Input Set : A:\12279-002001.txt

Output Set: N:\CRF4\02122003\I785632B.raw

L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date
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L:175 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18
L:200 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:203 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:20
L:873 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:877 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:68
L:881 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:68
L:885 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:68
L:886 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:0
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L:899 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:903 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:69
L:907 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:69
L:911 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:69
L:912 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69 after pos.:0
M:341 Repeated in SeqNo=69
L:925 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:929 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:70
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L:937 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:70
L:938 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70 after pos.:0
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L:951 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:955 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:71
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L:964 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71 after pos.:0
M:341 Repeated in SeqNo=71
L:977 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:981 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:72
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L:989 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:72
L:993 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:72
L:994 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0
M:341 Repeated in SeqNo=72
L:1007 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1011 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:73
L:1015 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:73
L:1019 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:73
L:1020 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:0
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L:1033 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1037 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:74
L:1041 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:74
L:1045 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:74
L:1046 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74 after pos.:0
M:341 Repeated in SeqNo=74

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Input Set : A:\12279-002001.txt

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L:1059 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1063 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:75
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L:1071 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:75
L:1075 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:75
L:1076 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:0
M:341 Repeated in SeqNo=75
L:1089 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1093 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:76
L:1097 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:76
L:1101 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:76
L:1102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:0
M:341 Repeated in SeqNo=76
L:1115 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1119 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:77
L:1123 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:77
L:1127 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:77
L:1132 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:77
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L:1145 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:77
L:1150 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:77
L:1154 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:77
L:1158 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:77
L:1162 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:77
L:1163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:0
M:341 Repeated in SeqNo=77
L:1182 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:78
L:1186 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:78
L:1187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:0
L:1220 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1224 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:81
L:1225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81 after pos.:0
L:1235 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1239 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:82
L:1240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:0
L:1250 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1254 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:83
L:1258 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:83
L:1262 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:83
L:1263 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:83 after pos.:0
L:1285 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1289 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:85
L:1290 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85 after pos.:0
L:1318 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:88
L:1323 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1328 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88 after pos.:0
L:1338 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1343 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89 after pos.:0

(no Page 5)
exists

VERIFICATION SUMMARY

DATE: 02/12/2003

PATENT APPLICATION: US/09/785,632B

TIME: 12:28:02

Input Set : A:\12279-002001.txt

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L:1573 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1578 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108 after pos.:0
M:341 Repeated in SeqNo=108
L:1589 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1594 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:0
M:341 Repeated in SeqNo=109
L:2180 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:150 after pos.:0
M:341 Repeated in SeqNo=150
L:2206 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:151 after pos.:0
M:341 Repeated in SeqNo=151
L:2232 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2245 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:152 after pos.:0
M:341 Repeated in SeqNo=152
L:2258 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2271 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:153 after pos.:0
M:341 Repeated in SeqNo=153
L:2284 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:154 after pos.:0
M:341 Repeated in SeqNo=154
L:2310 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2323 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:155 after pos.:0
M:341 Repeated in SeqNo=155
L:2336 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:156 after pos.:0
M:341 Repeated in SeqNo=156
L:2362 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2375 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:157 after pos.:0
M:341 Repeated in SeqNo=157
L:2388 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:158 after pos.:0
M:341 Repeated in SeqNo=158
L:2414 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2427 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:159 after pos.:0
L:2440 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2466 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2492 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2518 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2544 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2570 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2596 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2622 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2844 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:180



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Application No.: 09/785,632

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other: _____

Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

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For Rules Interpretation, call (703) 308-4216

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